



FORM PTO-1449

SECOND SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.

1875.0560003

APPLICATION NO.

09/844,283

INVENTORS

BUCHWALD *et al.*

FILING DATE

April 30, 2001

ART UNIT

2634

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
EJ	AA3	6,009,534	12/1999	Chiu <i>et al.</i>			
EJ	AB3	6,038,269	03/2000	Raghavan			
EJ	AC3	6,134,268	10/2000	McCoy			
EJ	AD3	6,329,859 B1	12/2001	Wu			
EJ	AE3	6,359,486 B1	03/2002	Chen			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
EJ	AF3	WO 01/84724	11/2001	WO			N/A
EJ	AG3	WO 02/13424	02/2002	WO			N/A
EJ	AH3	WO 02/071616	09/2002	WO			N/A

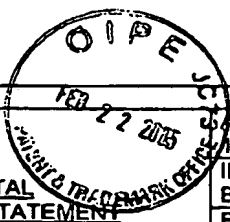
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EJ	AI3	Sauer-Greff, W. <i>et al.</i> , <i>Maximum-Likelihood Sequence Estimation of Nonlinear Channels in High-Speed Optical Fiber Systems</i> , April 6, 2001, Retrieved from the Internet at http://www.ftw.at/Dokumente/010406a.pdf , 29 pages.
EJ	AJ3	Williamson, R.C. <i>et al.</i> , "Effects of Crosstalk in Demultiplexers for Photonic Analog-to-Digital Converters," <i>Journal of Lightwave Technology</i> , IEEE, Vol. 19, No. 2, February 2001, pages 230-236.
EJ	AK3	Yang, C-K., <i>Design Techniques for High-Speed Chip-to-Chip Links</i> , Retrieved from the Internet at http://web.doe.carleton.ca/courses/97578/topic5/Tutorial_SerialLink.pdf , 31 pages. 2000
EJ	AL3	Yang, C-K. <i>et al.</i> , "A Serial-Link Transceiver Based on 8-Gsamples/s A/D and D/A Converters in 0.25- μ m CMOS," <i>IEEE Journal of Solid-State Circuits</i> , IEEE, Vol. 36, No. 11, November 2001, pages 1684-1692.
EJ	AM3	Zuoxi, T., "Implementation of a Digital Multibeam Receiver Based on TMS320C80 for Laser Optoacoustic Remote Sensing," <i>Proceedings of ICSP2000</i> , IEEE, 2000, pages 2082-2084.
EJ	AN3	Agazzi, O. and Lenosky, T., <i>Algorithm to Postprocess Measured Data</i> , IEEE 802.3ae Equalization Ad Hoc Group, January 10, 2001, 11 pages.

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EJ	AA5	2002/0039395 A1	04/2002	Buchwald <i>et al.</i>			
EJ	AB5	2002/0044617 A1	04/2002	Buchwald <i>et al.</i>			
EJ	AC5	2002/0044618 A1	04/2002	Buchwald <i>et al.</i>			
EJ	AD5	2002/0080898 A1	06/2002	Agazzi <i>et al.</i>			
EJ	AE5	2004/0212416 A1	10/2004	Buchwald <i>et al.</i>			

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	AF5						Yes No
	AG5						Yes No
	AH5						Yes No

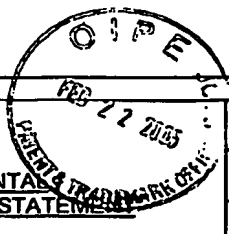
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EJ	AI5	Agazzi, O. <i>et al.</i> , 10 Gb/s PMD Using PAM-5 Trellis Coded Modulation, IEEE 802.3, Albuquerque, March 6-10, 2000, 38 pages.
EJ	AJ5	Bhatt, V., Equalization Ad Hoc Concluding Report, IEEE P802.3ae Plenary, March 2001, 12 pages.
EJ	AK5	Bingham, J.A.C., "Multicarrier Modulation for Data Transmission: An Idea Whose Time Has Come," <i>IEEE Communications Magazine</i> , IEEE, Vol. 28, No. 5, pages 5-8 and 11-14. May 1990
EJ	AL5	Chiddix, J. <i>et al.</i> , "AM Video on Fiber in CATV Systems: Need and Implementation," <i>IEEE Journal on Selected Areas in Communications</i> , IEEE, Vol. 8, No. 7, September 1990, pages 1229-1239.
EJ	AM5	Darcie, T., "Subcarrier Multiplexing for Lightwave Networks and Video Distribution Systems," <i>IEEE Journal on Selected Areas in Communications</i> , IEEE, Vol. 8, No. 7, September 1990, pages 1240-1248.
EJ	AN5	Fettweis, G., "High-Rate Viterbi Processor: A Systolic Array Solution," <i>IEEE Journal on Selected Areas in Communications</i> , IEEE, Vol. 8, No. 8, October 1990, pages 1520-1534.

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	AA8						
	AB8						
	AC8						
	AD8						
	AE8						

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	AF8						Yes No
	AG8						Yes No
	AH8						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AI8	Lenosky, T. <i>et al.</i> , <i>Measurements of DMD-Challenged Fibers at 1310nm and 1Gb/s Data Rate</i> , IEEE 802.3ae - Equalization Ad Hoc Group, January 10, 2001; 21 pages.
	AJ8	Liu, M-K. and Modestou, P., "Multilevel Signaling and Pulse Shaping for Spectrum Efficiency in Subcarrier Multiplexing Transmission," <i>IEEE Journal of Lightwave Technology</i> , IEEE, Vol. 12, No. 7, pages 1239-1246. July 1994
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	AL8	Olishansky, R. <i>et al.</i> , "Subcarrier Multiplexed Lightwave Systems for Broadband Distribution," <i>IEEE Journal of Lightwave Technology</i> , IEEE, Vol. 7, No. 9, September 1989, pages 1329-1341.
	AM8	Otte, S. and Rosenkranz, W., "A Decision Feedback Equalizer for Dispersion Compensation in High Speed Optical Transmission Systems," <i>International Conference on Transparent Optical Networks</i> , IEEE, 1999, pages 19-22.
	AN8	Parhi, K. <i>et al.</i> , <i>Parallel Implementation of the DSP Functions of the PAM-5 10Gb/s Transceiver</i> , IEEE 802.3ae Task Force, March 2000, 12 pages.

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